

Submittal Data

Model FF Type 3M Insulated Flexible Duct

Construction Features

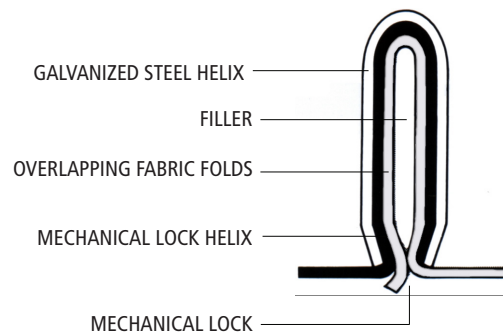
Buckley Type 3M is manufactured to meet the highest quality standards in strength, permeability and fire resistance required in a flexible air duct. This insulated, UL-181 Class 1 Air Duct is designed for application in a low to high pressure HVAC air distribution system.

LINER: A Trilaminate of Aluminum Foil, Fiberglass and Aluminized Polyester. Mechanically Locked Without Adhesives.

HELIX: Corrosive Resistant Galvanized Steel Formed and Mechanically Locked to Fabric.

OUTER JACKET: Fire Retardant Reinforced Aluminum Material, Excellent Strength at Low Temperatures. Will Not Age Harden.

INSULATION: Thick Fiberglass Insulation Blanket, Factory Wrapped.



Technical Data

Standard Length (feet).....	25'	Rated Velocity (fpm).....	5500 FPM
Inside Diameter (inches).....	5" through 14"		20" w.g. positive
Inside Bend Radius (inches).....	1/2 x I.D. (All Sizes)	Internal Working	10" w.g. negative thru 12" dia.
Air Friction Loss.....	See Friction Loss Chart	Pressure (W.G.).....	5" w.g. negative thru 10" dia
	.05 perm per A.S.T.M E96,	Minimum Burst Pressure	2 1/2 times working pressure
Vapor Barrier Permeance.....	Procedure A	Operating Temperature Range.....	-20° to +250° F
UL Listing.....	UL 181, Class 1 Air Duct	Flame Spread.....	Less than 25
	NFPA 90A AND 90B, BOCA, ICBO,	Smoke Developed.....	Less than 50
Standard, Codes.....	SBBC, HUD/FHA MIN. Property Std.	Thermal Conductance.....	Sizes 5-14" R-6.0

Buckley Associates, Inc.

Manufactured by Buckley Associates, Inc, Hanover, Massachusetts
Sheet Metal Union Local 17.

FF Type 3M
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